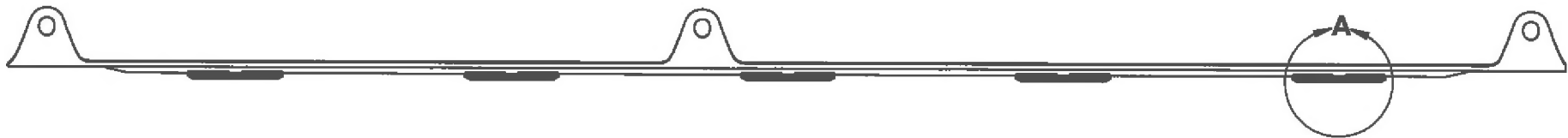
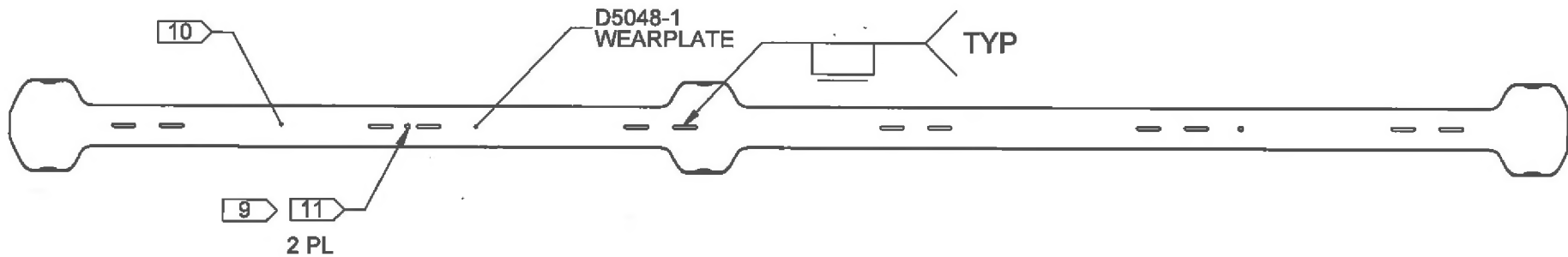
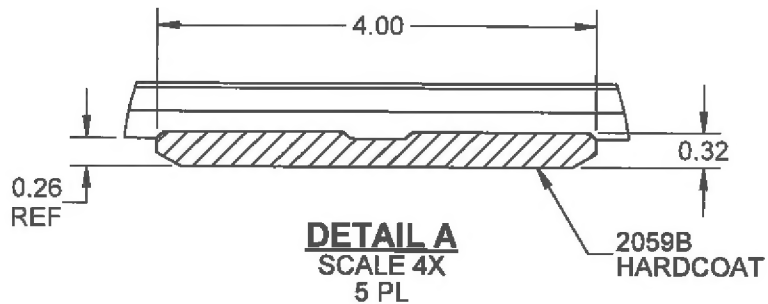
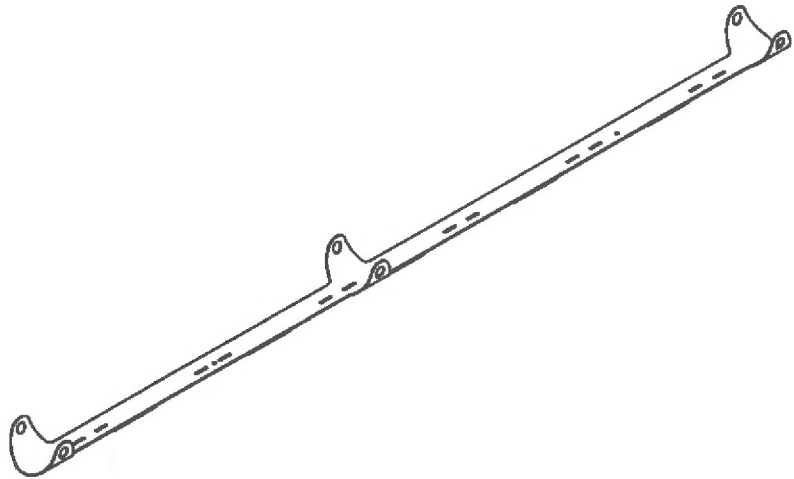
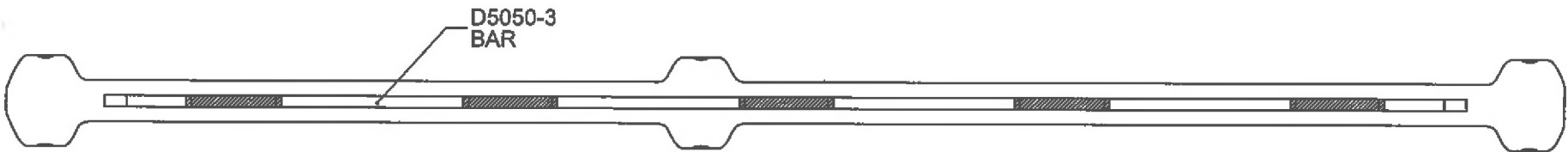


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5048-041	WEARPLATE ASSEMBLY
1	1	D5048-1	WEARPLATE
2	1	D5050-3	BAR
3	A/R	2059B	HARDCOAT



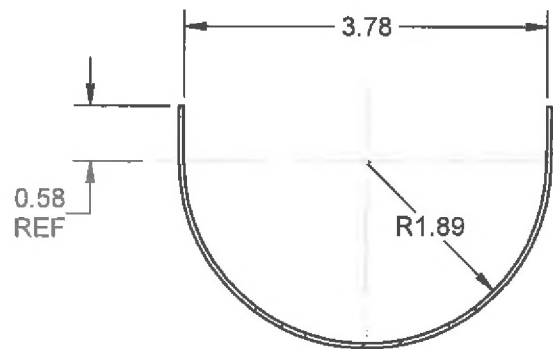
D5048-041 WEARPLATE ASSEMBLY



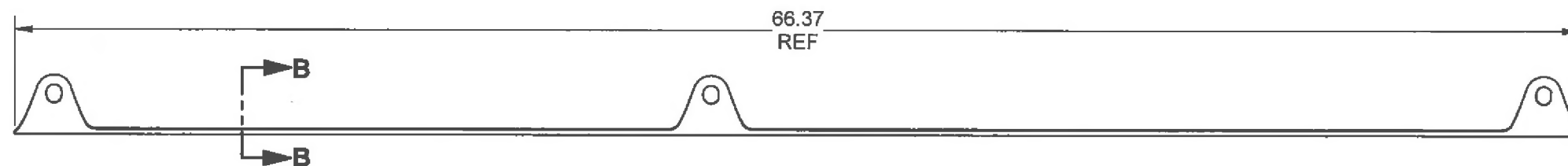
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 METHOD 6.1
  - 7) WEIGHT: 4.93 lbs
  - 8) WELDING: PER QSI 004. 2059 HARDCOAT WELD 0.32 THK X 0.50 WIDE, FLUSH WITH D5050-3 BAR ON LATERAL SURFACES, 5 PL
  - 9) TRANSFER DRILL  $\varnothing$ 0.188 HOLE FROM D5048-1 WEARPLATE TO D5050-3 BAR
  - 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH LAYER OF TEXTURED COATING, 0.020 - 0.040 THK, PER QSI 005 4.4
  - 11) OPEN UP DRAIN HOLE IF NECESSARY TO  $\varnothing$ 0.188 AFTER APPLYING TEXTURED COATING

PRELIMINARY ISSUE

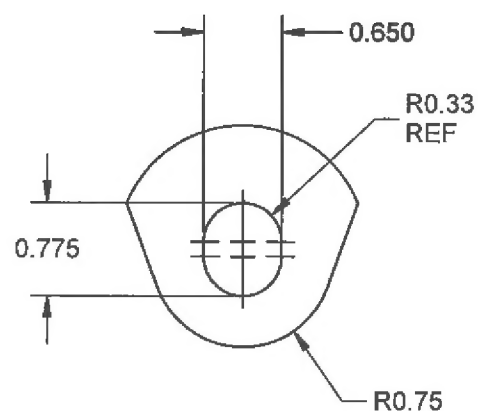
A	NEW ISSUE	DW	14.05.28
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	AP	DRAWING NO.	REV. <del>A0</del> A21
MFG. APPR.	DD	D5048	SHEET 1 OF 9
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
DATE	14.05.28	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



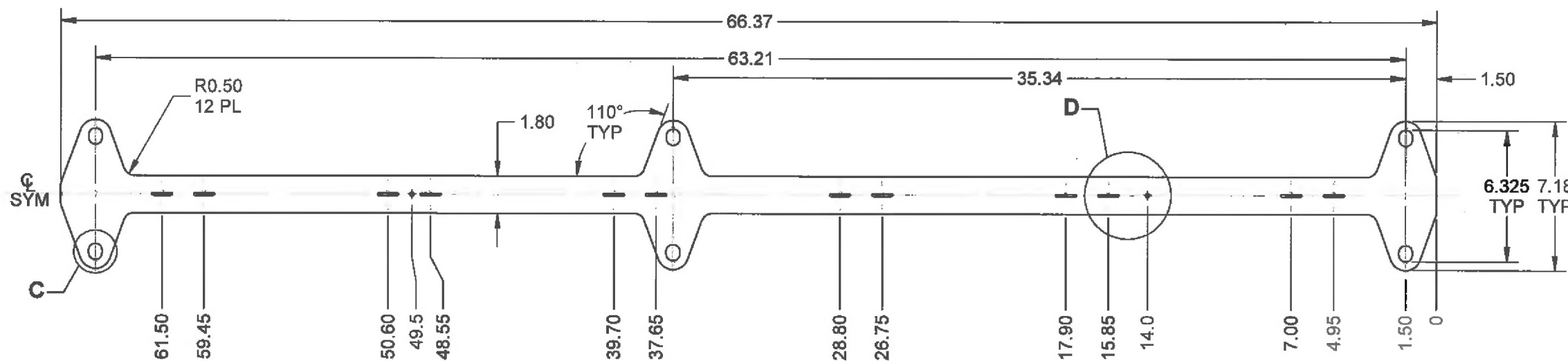
**SECTION B-B**  
SCALE 3.2X



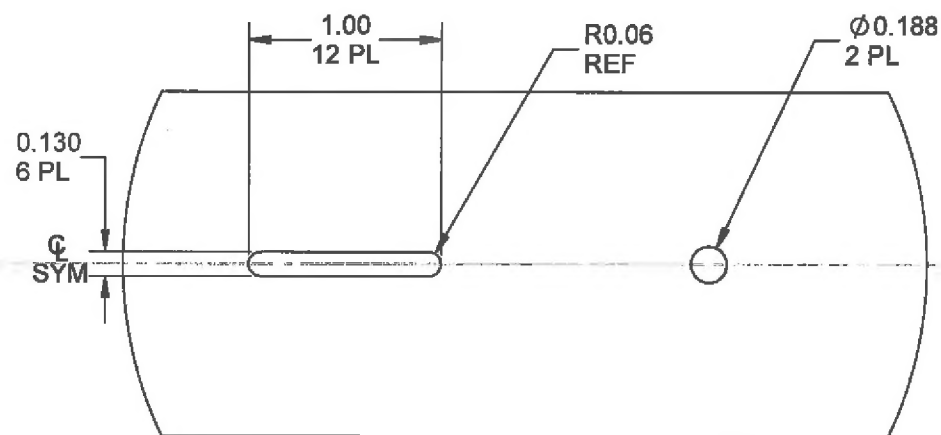
**D5048-1 WEARPLATE**  
(MAKE FROM D5048-1F)



**DETAIL C**  
SCALE 4X  
6 PL



**D5048-1F WEARPLATE**  
(FLAT PATTERN)



**DETAIL D**  
SCALE 6.4X

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.13 lbs
- 8) IT IS ACCEPTABLE TO OVERBEND D5048-1 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

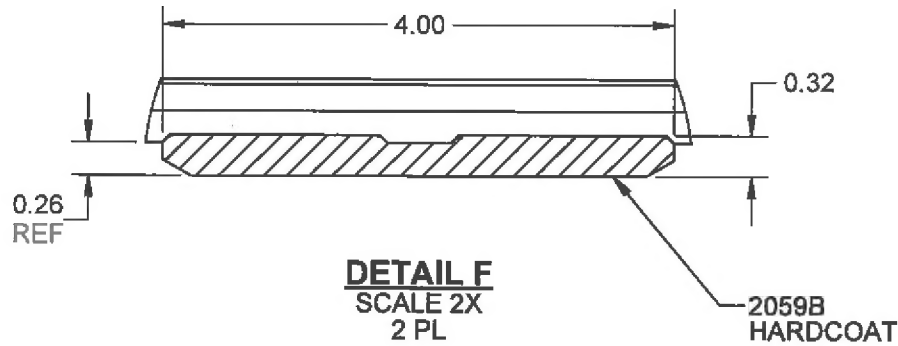
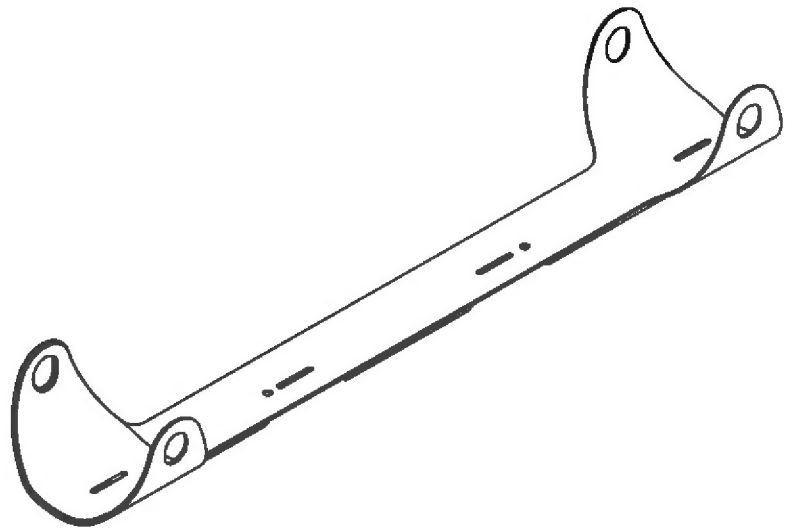
PRELIMINARY ISSUE

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A0
MFG. APPR.	DD	<b>D5048</b>	SHEET 2 OF 9
APPROVED		TITLE	SCALE
DE APPR.		<b>WEARPLATE ASSEMBLY</b>	NTS
DATE	14.05.28	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

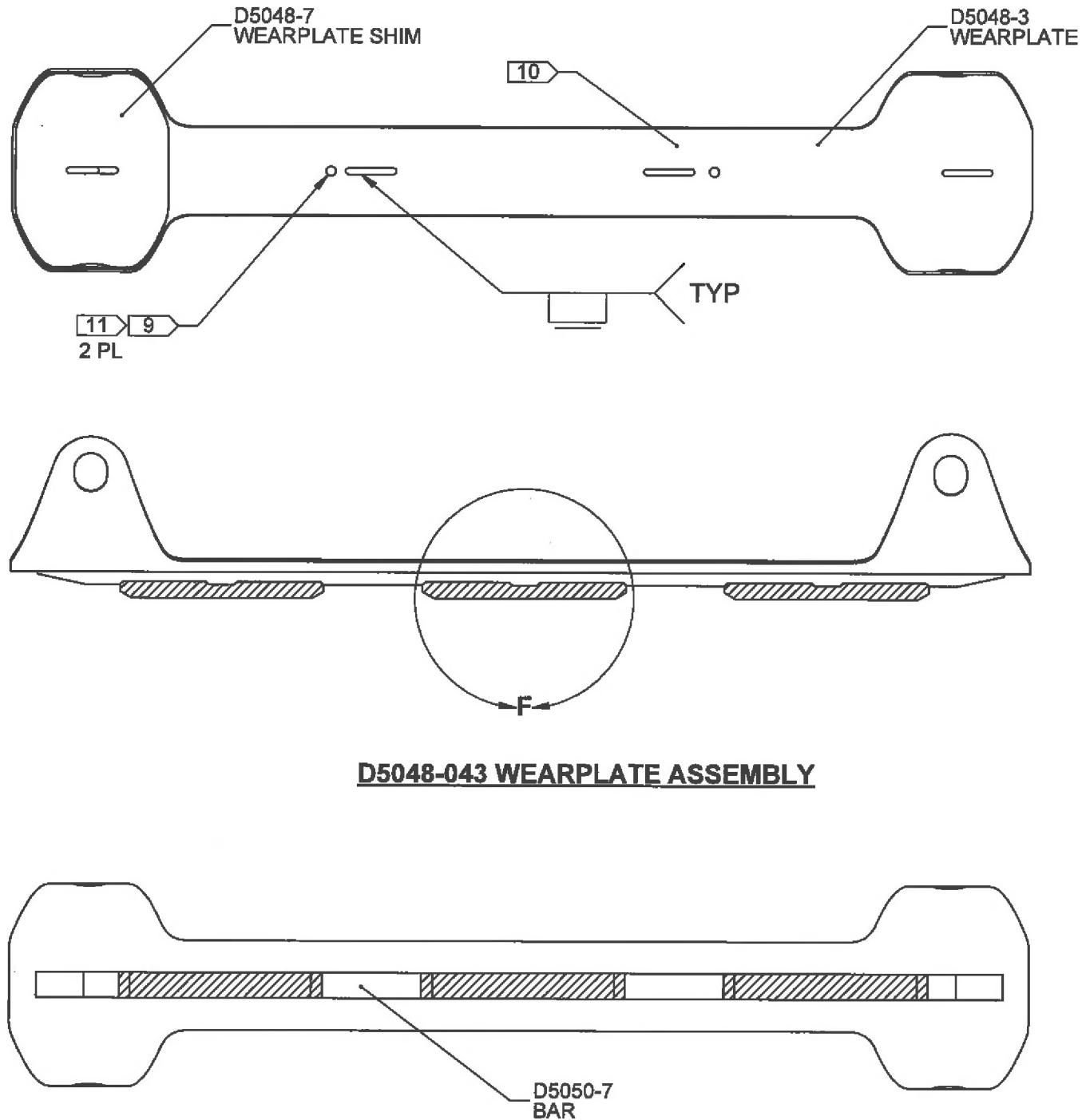
A

A21  
DCW

ITEM	QTY -043	P/N	DESCRIPTION
	X	D5048-043	WEARPLATE ASSEMBLY
1	1	D5048-3	WEARPLATE
2	1	D5048-7	WEARPLATE SHIM
3	1	D5050-7	BAR
4	A/R	2059B	HARDCOAT



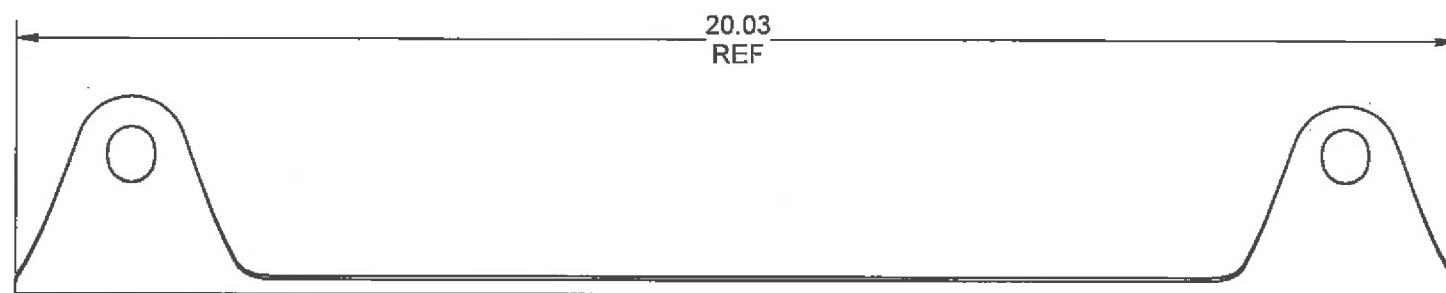
- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 METHOD 6.1
  - 7) WEIGHT: 2.15 lbs
  - 8) WELDING: PER QSI 004. 2059 HARDCOAT WELD 0.32 THK X 0.50 WIDE, FLUSH WITH D5050-1 BAR ON LATERAL SURFACES, 3 PL
  - 9) TRANSFER DRILL  $\varnothing$ 0.188 HOLE FROM D5048-3 WEARPLATE TO D5050-7 BAR
  - 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH LAYER OF TEXTURED COATING, 0.020 - 0.040 THK, PER QSI 005 4.4
  - 11) OPEN UP DRAIN HOLE IF NECESSARY TO  $\varnothing$ 0.188 AFTER APPLYING TEXTURED COATING



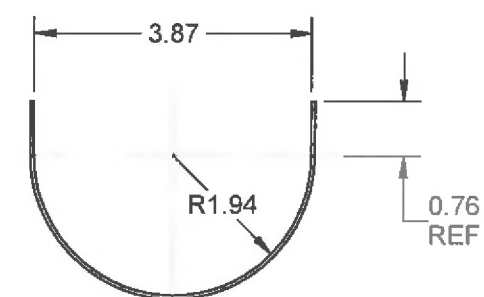
**D5048-043 WEARPLATE ASSEMBLY**

PRELIMINARY ISSUE

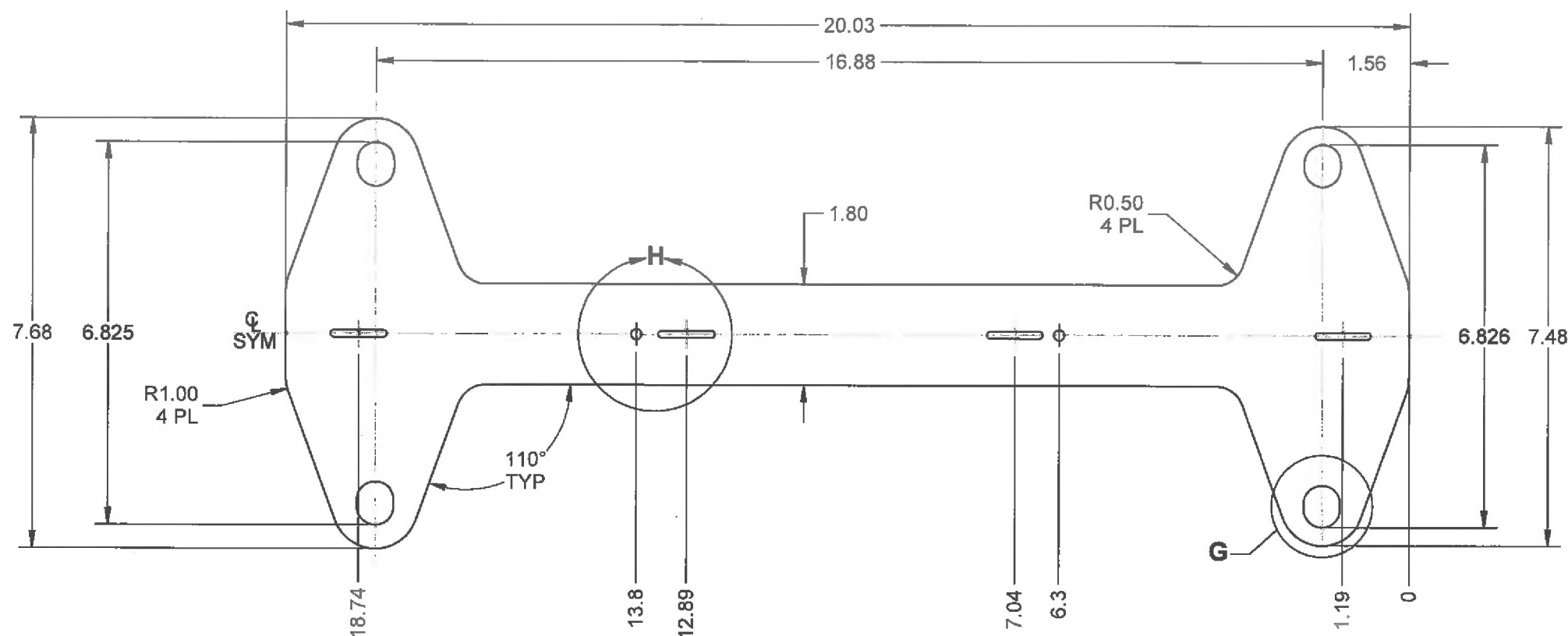
DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A21
MFG. APPR.	DD	D5048	SHEET 3 OF 9
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
DATE	14.05.28	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



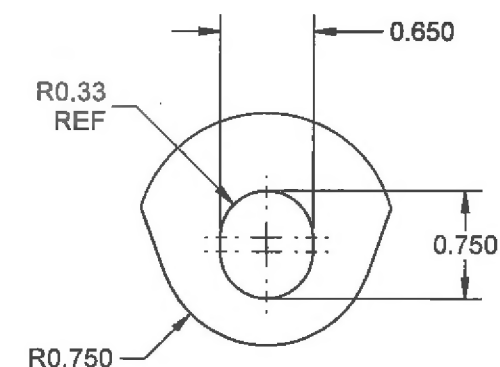
**D5048-3 WEARPLATE**  
(MAKE FROM D5048-3F)



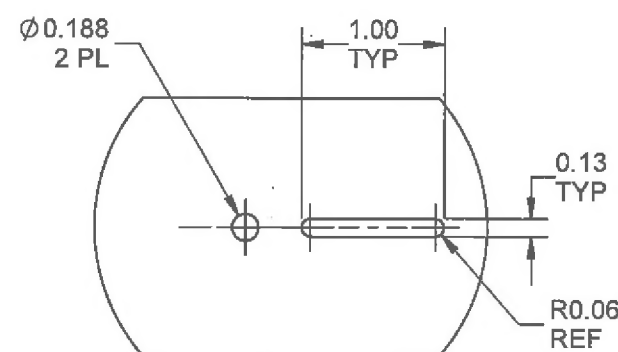
8



**D5048-3F WEARPLATE**  
(FLAT PATTERN)



**DETAIL G**  
SCALE 2X  
4 PL



**DETAIL H**  
SCALE 2X

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.84 lbs
- 8) IT IS ACCEPTABLE TO OVERBEND D5048-3 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

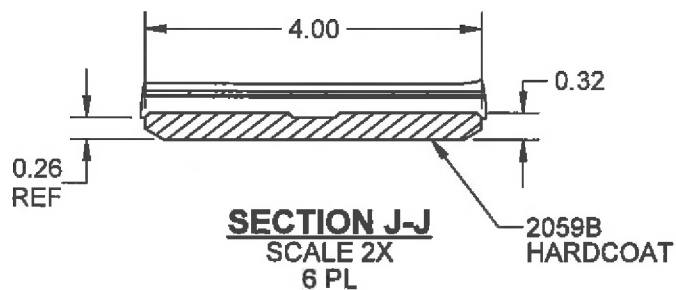
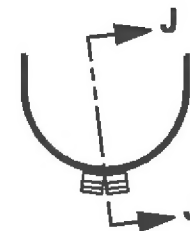
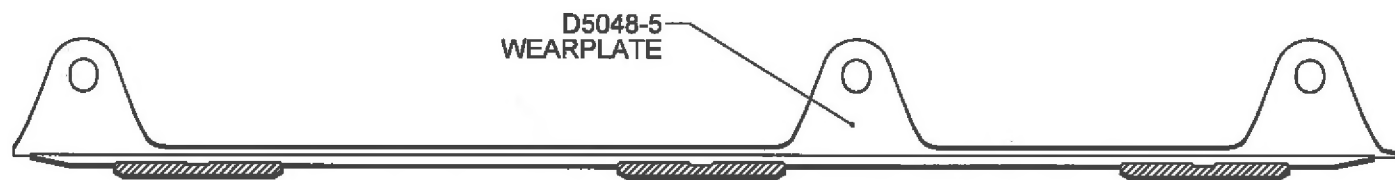
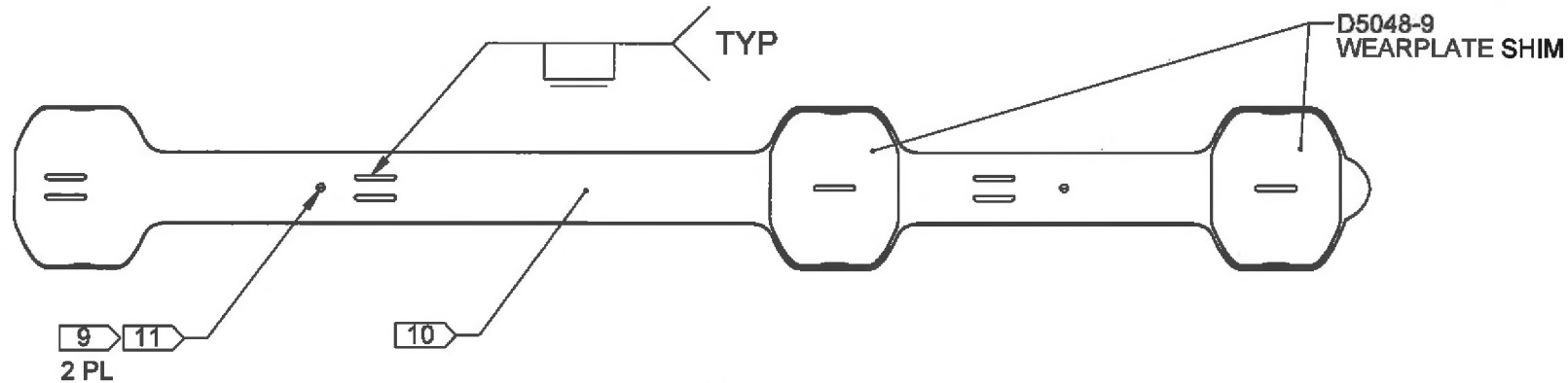
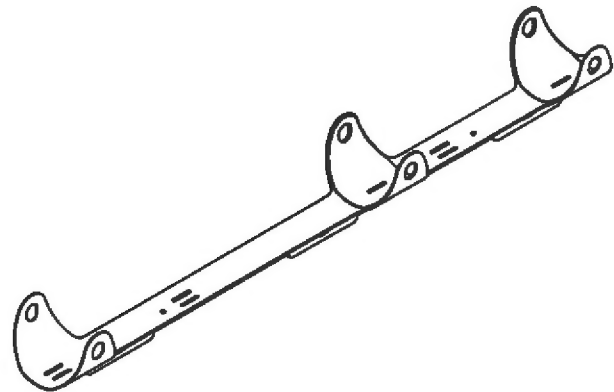
DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A8
MFG. APPR.	DD	D5048	SHEET 4 OF 9
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
DATE	14.05.28	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

A

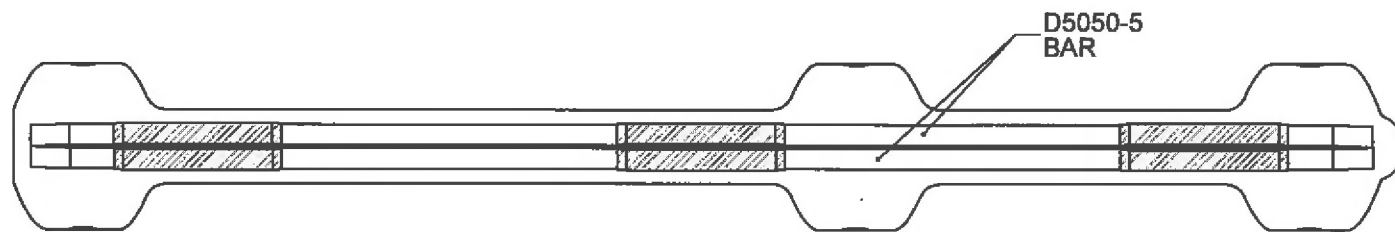
A21  
DW



ITEM	QTY -045	P/N	DESCRIPTION
	X	D5048-045	WEARPLATE ASSEMBLY
1	1	D5048-5	WEARPLATE
2	2	D5048-9	WEARPLATE SHIM
3	2	D5050-5	BAR
4	A/R	2059B	HARDCOAT



### D5048-045 WEARPLATE ASSEMBLY



#### NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 METHOD 6.1
- 7) WEIGHT: 4.98 lbs
- 8) WELDING: PER QSI 004. 2059 HARDCOAT WELD 0.32 THK X 0.50 WIDE, FLUSH WITH D5050-5 BAR ON LATERAL SURFACES, 6 PL
- 9) TRANSFER DRILL  $\varnothing 0.188$  HOLE FROM D5048-5 WEARPLATE TO D5050-5 BAR
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH LAYER OF TEXTURED COATING, 0.020 - 0.040 THK, PER QSI 005 4.4
- 11) OPEN UP DRAIN HOLE IF NECESSARY TO  $\varnothing 0.188$  AFTER APPLYING TEXTURED COATING

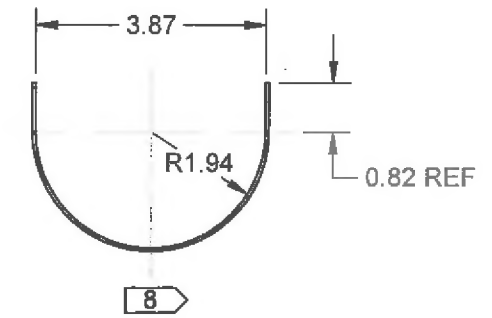
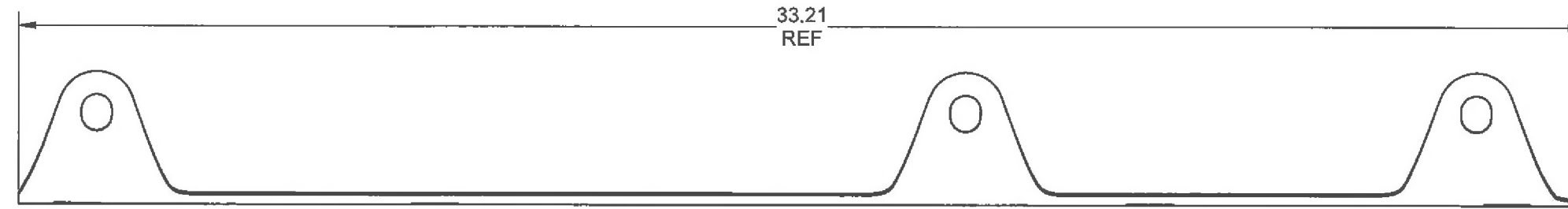
PRELIMINARY ISSUE

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. <u>A6</u>
MFG. APPR.	DD	D5048	SHEET 5 OF 9
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
DATE	14.05.28	COPYRIGHT © 2014 BY DART AEROSPACE LTD	
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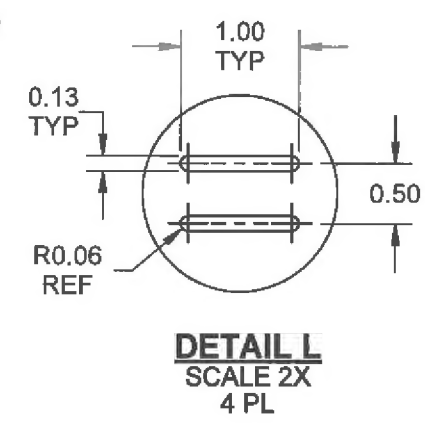
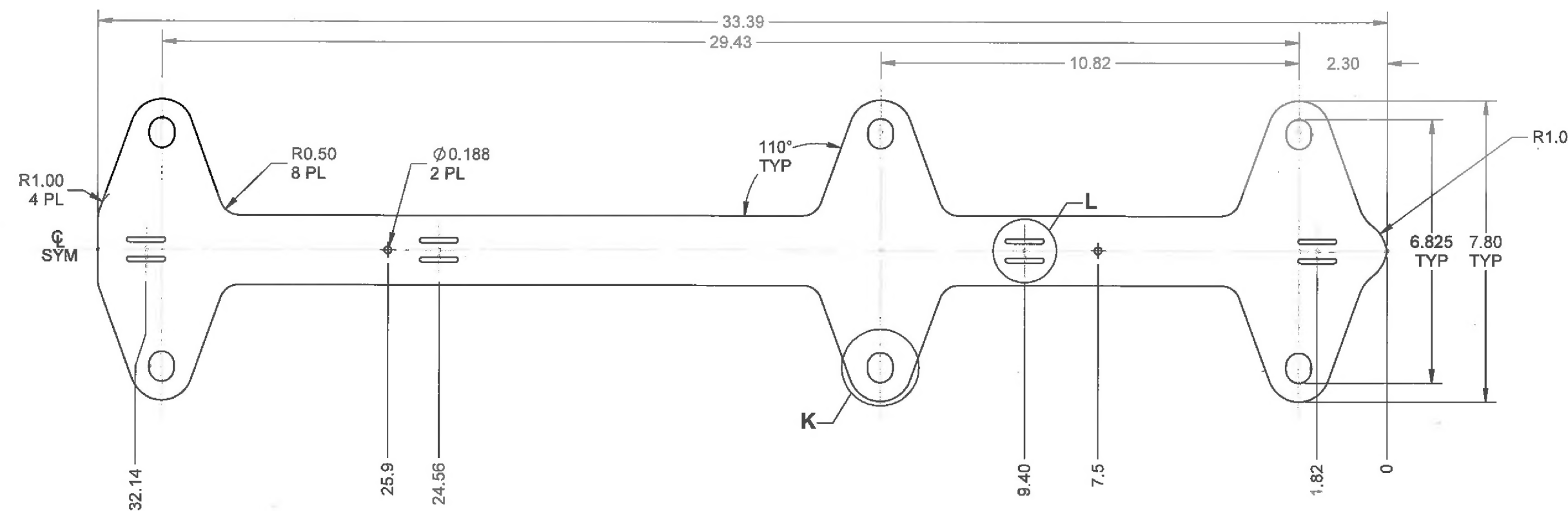
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421  
DW

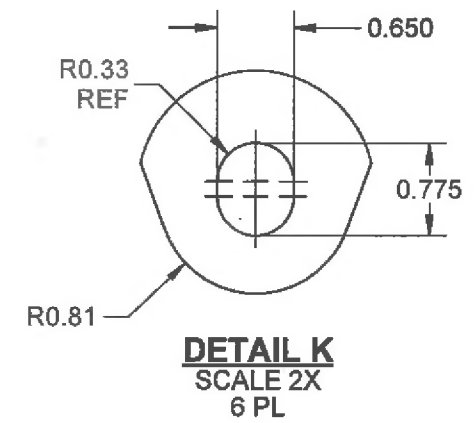
8 7 6 5 4 3 2 1



**D5048-5 WEARPLATE**  
(MAKE FROM D5048-5F)



**D5048-5F WEARPLATE**  
(FLAT PATTERN)



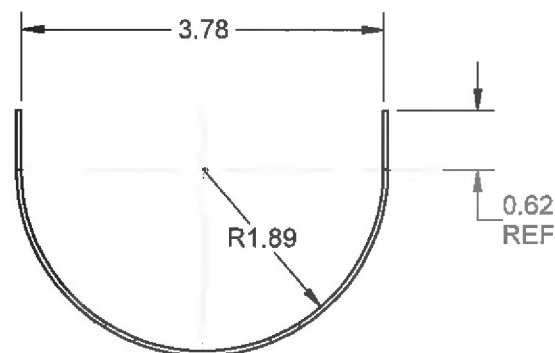
- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 1.38 lbs
  - 8) IT IS ACCEPTABLE TO OVERBEND D5048-5 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

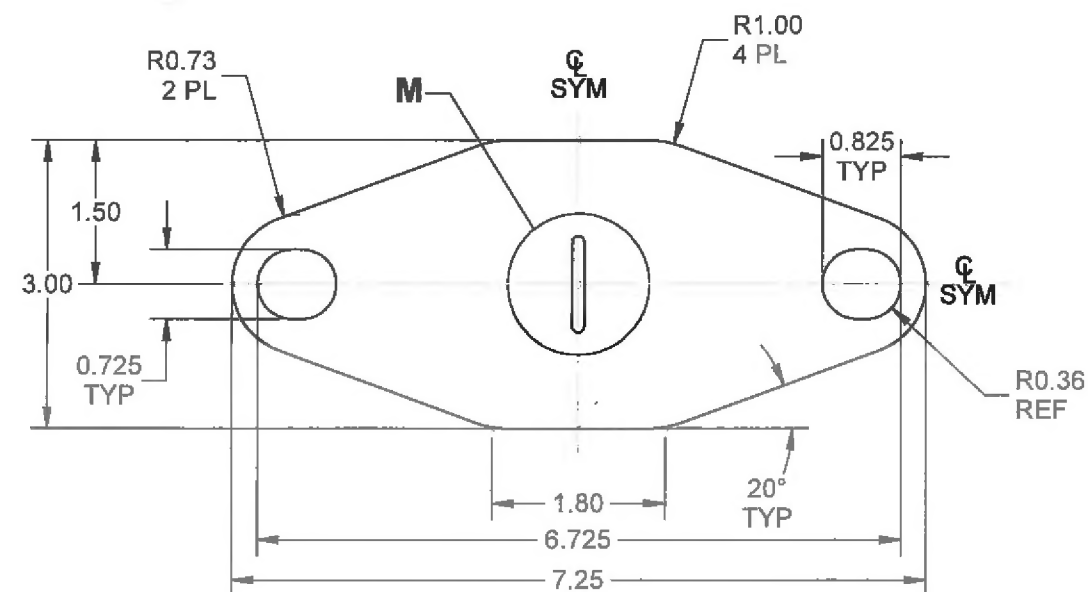
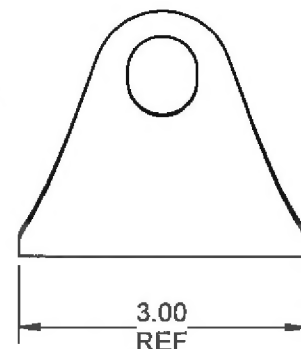
DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A0
MFG. APPR.	DD	<b>D5048</b>	SHEET 6 OF 9
APPROVED		TITLE	SCALE
DE APPR.		<b>WEARPLATE ASSEMBLY</b>	NTS
DATE	14.05.28	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

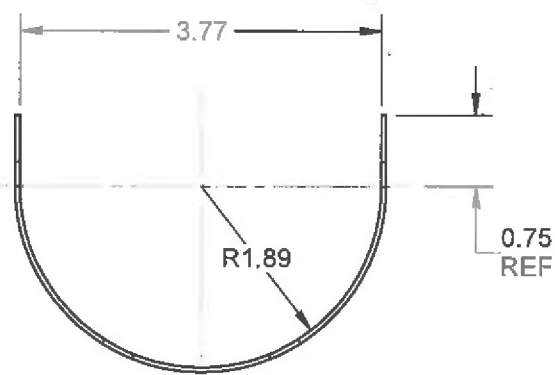
A21  
DW



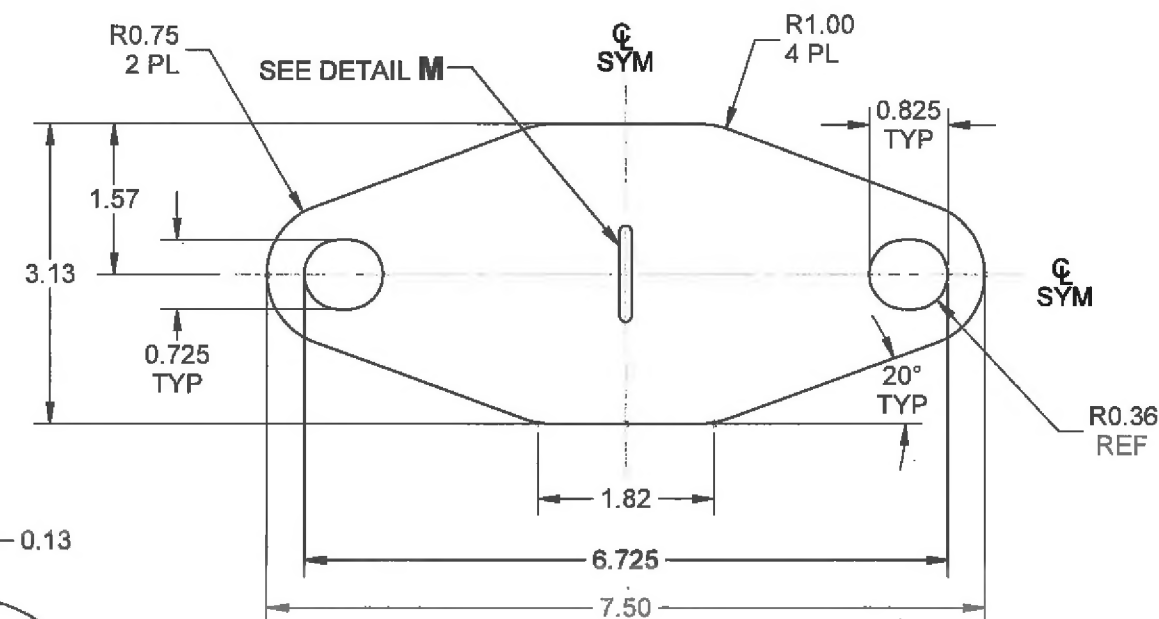
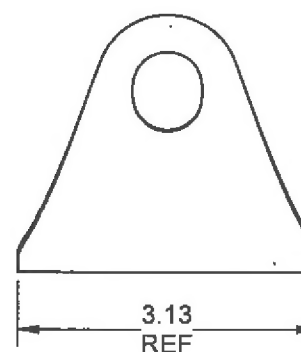
8 **D5048-7 WEARPLATE SHIM**  
(MAKE FROM D5048-7F)



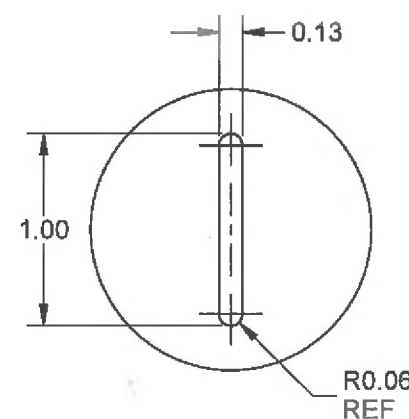
**D5048-7F WEARPLATE SHIM**  
(FLAT PATTERN)



8 **D5048-9 WEARPLATE SHIM**  
(MAKE FROM D5048-9F)



**D5048-9F WEARPLATE SHIM**  
(FLAT PATTERN)



**DETAIL M**  
SCALE 2X

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.22 lbs
- 8) IT IS ACCEPTABLE TO OVERBEND D5048-7/D5048-9 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

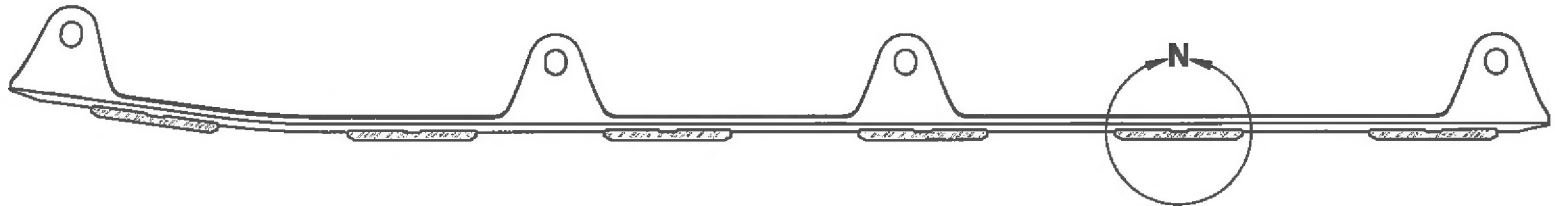
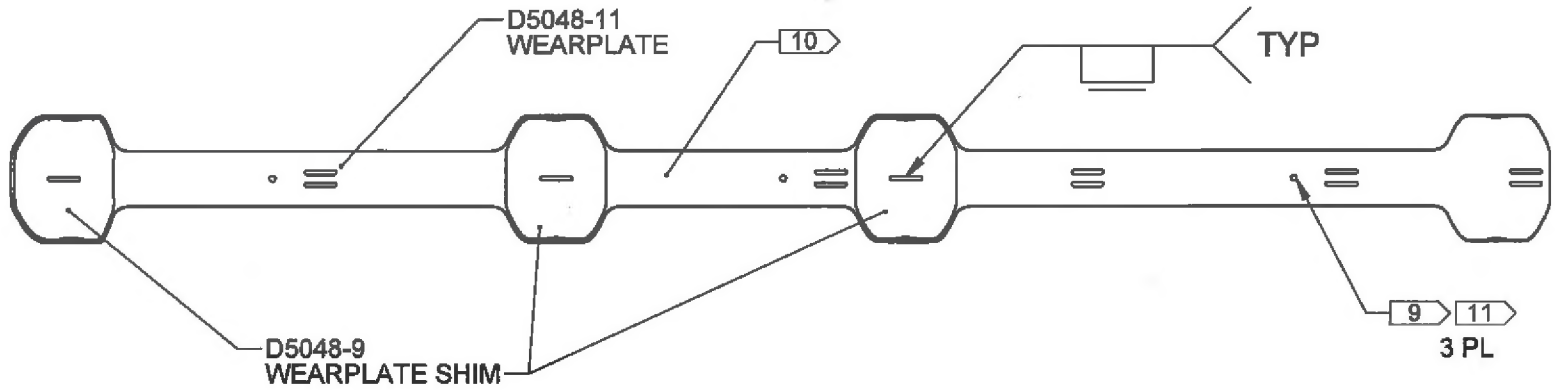
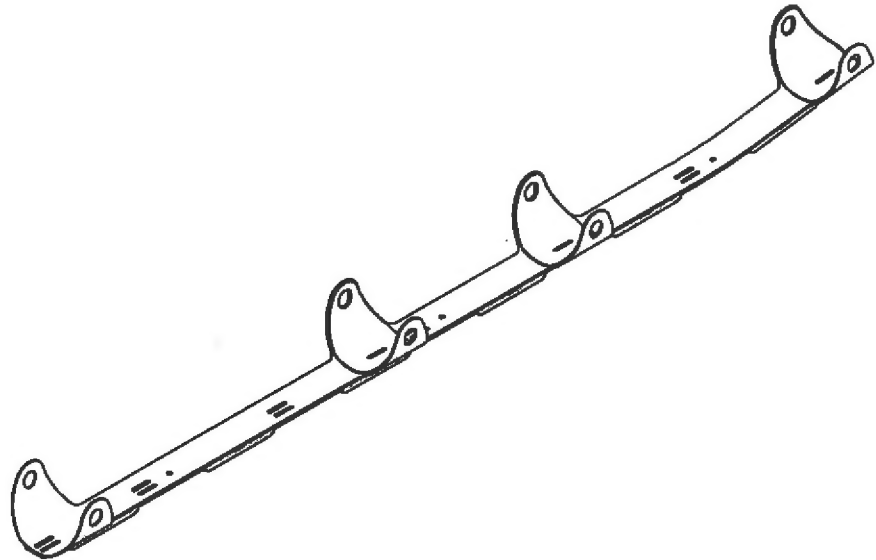
PRELIMINARY ISSUE

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A6
MFG. APPR.	DD	<b>D5048</b>	SHEET 7 OF 9
APPROVED		TITLE	SCALE
DE APPR.		<b>WEARPLATE ASSEMBLY</b>	NTS
DATE	14.05.28	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

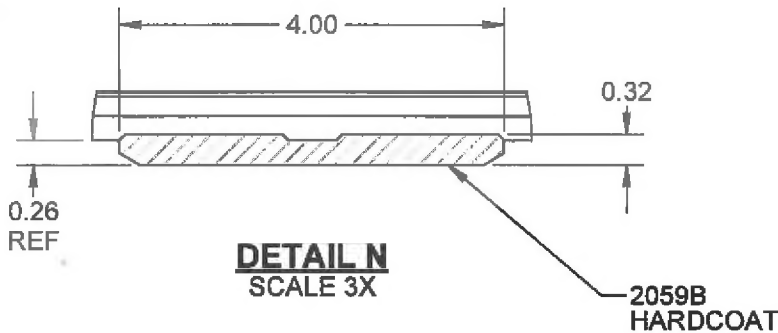
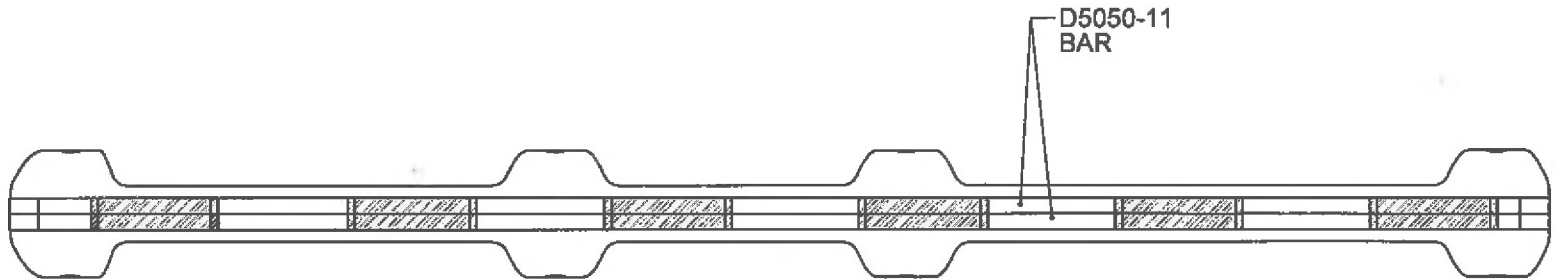
A

A21  
DW

ITEM	QTY	P/N	DESCRIPTION
	-047		
	X	D5048-047	WEARPLATE ASSEMBLY
1	1	D5048-11	WEARPLATE
2	3	D5048-9	WEARPLATE SHIM
3	2	D5050-11	BAR
4	AR	2059B	HARDCOAT



D5048-047 WEARPLATE ASSEMBLY

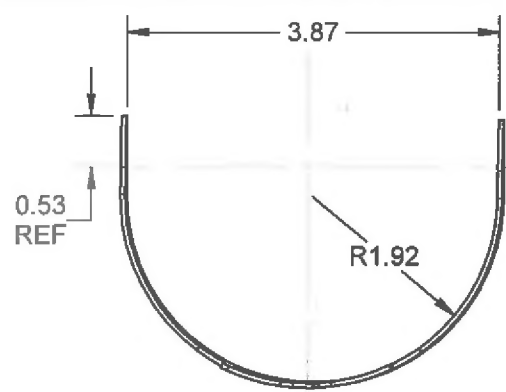


- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 METHOD 6.1
  - 7) WEIGHT: 7.82 lbs
  - 8) WELDING: PER QSI 004. 2059 HARDCOAT WELD 0.32 THK X 0.50 WIDE, FLUSH WITH D5050-5 BAR ON LATERAL SURFACES, 6 PL
  - 9) TRANSFER DRILL  $\phi$ 0.188 HOLE FROM D5048-11 WEARPLATE TO D5050-11 BAR
  - 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH LAYER OF TEXTURED COATING, 0.020 - 0.040 THK, PER QSI 005 4.4
  - 11) OPEN UP DRAIN HOLE IF NECESSARY TO  $\phi$ 0.188 AFTER APPLYING TEXTURED COATING

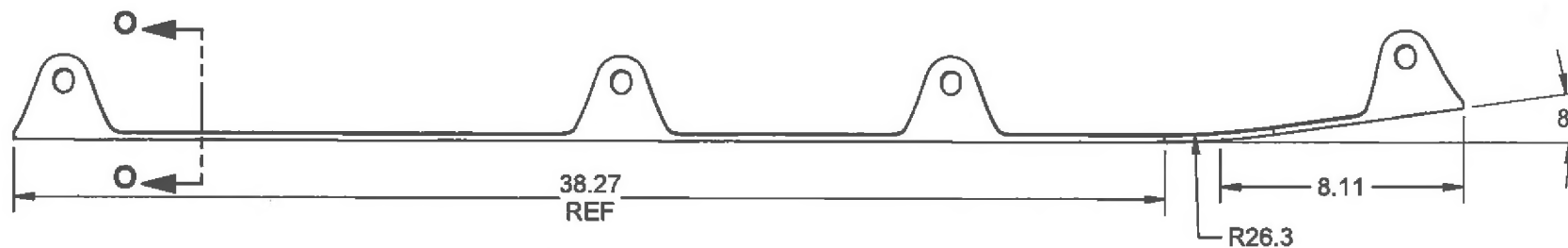
PRELIMINARY ISSUE

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A21
MFG. APPR.	DD	D5048	SHEET 8 OF 9
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
DATE	14.05.28	COPYRIGHT © 2014 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

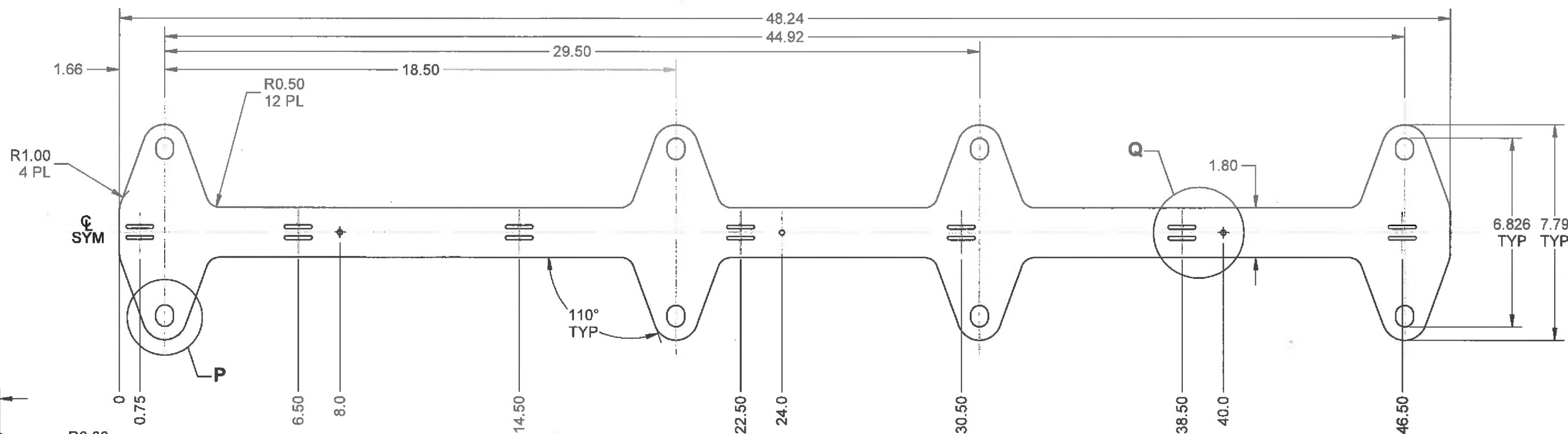




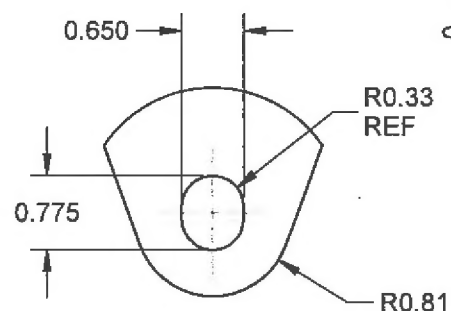
8 SECTION O-O  
SCALE 3X



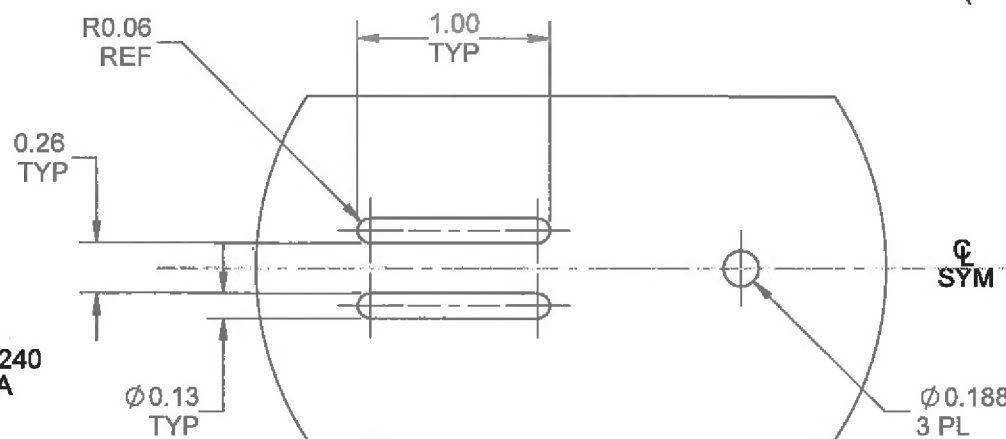
D5048-11 WEARPLATE  
(MAKE FROM D5048-11F)



D5048-11F WEARPLATE  
(FLAT PATTERN)



DETAIL P  
SCALE 2X  
8 PL



DETAIL Q  
SCALE 4X

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.94 lbs
- 8) IT IS ACCEPTABLE TO OVERBEND D5048-11 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	DD	D5048	SHEET 9 OF
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
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A

A21  
DW